

Ser. No. 09/981,398

PATENT  
2001P11277US01**Amended claims**

1. (Currently Amended) A system supporting use of user customizable expressions by a plurality of different executable applications, comprising:

a database for associating a particular application of said plurality of different executable applications with a particular data item of a plurality of selectable data items available for incorporation in a user entered expression and for excluding use by said particular application of ~~another~~ data items of said plurality of selectable data items unassociated with said particular application;

an interface processor for receiving a user entered expression and for incorporating said particular data item in said user entered expression to provide a resultant expression for use by said particular application; and

an expression processor for using operating on data from said particular application ~~in resolving with~~ said resultant expression to provide a calculated result value.

2. (Currently Amended) A system according to claim 1, wherein

said expression processor resolves said resultant expression to provide a calculated result value comprising at least one of, (a) a financial reimbursement sum determined per a health care policy terms, ~~(b) a verification said resultant expression is true and~~ (e) (b) a computed value.

3. (Currently Amended) A system according to claim 1, wherein

~~said expression processor interprets said resultant expression to provide search parameters for use in identifying records in a record database and provides an indication of said identified records as said result in response to a search of said record database~~

resultant expression is a logical expression and said data items comprise at least one of, (a) a patient identifier, (b) a medical condition identifier, (c) a patient address and (d) patient medical record information.

4. (Original) A system according to claim 1, wherein

said resultant expression comprises an algebraic expression including one or more operators, and

said database associates said particular application with algebraic expression operators including at least two of (a) a multiplication operator, (b) a division operator, (c) an addition operator and (d) a subtraction operator.

Ser. No. 09/981,398

PATENT  
2001PI1277US01

5. (Currently Amended) A system according to claim 1, wherein said resultant expression is a logical expression and said particular data item comprises at least one of, (i) a patient identifier and (ii) a medical condition identifier, and

said database associates said particular data item with at least one of, (a) an acceptable parameter, (b) an acceptable value, (c) an acceptable range of values and (d) an acceptable range of parameters.

6. (Currently Amended) A system according to claim 1, wherein ~~said database associates different application type indicators with different applications of said plurality of different executable applications~~ said interface processor allocates a version identifier to said resultant expression and

said expression processor selects a latest version of said resultant expression based on version identifier.

7. (Original) A system according to claim 1, wherein said expression processor updates said database to associate said resultant expression with said particular application.

8. (Original) A system according to claim 1, wherein said database associates a plurality of expressions with said particular application.

9. (Original) A system according to claim 1, including a compiler for compiling said particular application together with said resultant expression to provide a particular executable application.

10. (Currently Amended) A system supporting use of user customizable expressions by a plurality of different executable applications, comprising:

a database for associating a particular application of said plurality of different executable applications with a particular data item of a plurality of selectable data items available for incorporation in a user entered expression and for excluding use by said particular application of another data item of said plurality of selectable data items;

Ser. No. 09/981,398

PATENT  
2001P11277US01

an interface processor for receiving a user entered expression and for incorporating said particular data item in said user entered expression to provide a resultant expression for use by said particular application;

an expression processor for using data from said particular application in resolving said resultant expression to provide a result; and

a compiler for compiling said particular application together with said resultant expression to provide a particular executable application ~~A system according to claim 9,~~ wherein

said expression processor allocates a version identifying number to a created resultant expression and said version identifying number is used by said compiler in compiling the latest version of said resultant expression with said particular application.

11. (Currently Amended) A system according to claim 1, wherein

said database associates a particular procedure of said particular application with said particular data item and excludes use by said particular procedure of another data item of said plurality of selectable data items unassociated with said particular procedure, and

said resultant expression is used by said particular procedure.

12. (Original) A system according to claim 1, wherein

said database associates a plurality of candidate template expressions with said particular application and said interface processor receives user entered information for selecting one of said template expressions.

13. (Currently Amended) A system supporting use of user customizable expressions by a plurality of different executable applications, comprising:

a database for associating a procedure of a particular application of said plurality of different executable applications with a particular data item of a plurality of selectable data items available for incorporation in a user entered expression and for excluding use by said particular procedure of ~~another~~ data items of said plurality of selectable data items unassociated with said particular procedure;

an interface processor for receiving a user entered expression and for incorporating said particular data item in said user entered expression to provide a resultant expression for use by said particular procedure; and

Ser. No. 09/981,398

PATENT  
2001P11277US01

an expression processor for ~~using~~ operating on data from said particular application ~~in resolving with~~ said resultant expression to provide a calculated result value.

14. (Original) A system according to claim 13, wherein said database associates said procedure of said particular application with a plurality of resultant expressions.

15. (Original) A system according to claim 13, wherein said database associates a plurality of procedures of said particular application with a plurality of expressions.

16. (Original) A system according to claim 13, including a user interface processor for initiating provision of an image prompt element permitting user entry of an expression.

17. (Original) A system supporting use of user customizable expressions by a plurality of different executable applications, comprising:  
an interface processor for receiving a user entered expression;  
a database for associating a particular application of said plurality of different executable applications with said user entered expression and for associating a version identifier with said user entered expression; and  
an execution processor using said version identifier to identify a latest version of said entered expression and for processing said particular application with said latest version of said entered expression to provide executable code representative of said particular application.

18. (Original) A system according to claim 17, including a said execution processor comprises at least one of, (a) a code compiler and (b) a code interpreter.

19. (Original) A system according to claim 17, including a  
an expression processor for importing data from said particular application in resolving said latest version of said entered expression to provide a result.

Ser. No. 09/981,398

PATENT  
2001P11277US01

20. (Currently Amended) A method supporting use of user customizable expressions by a plurality of different executable applications, comprising the steps activities of:

associating a particular application of said plurality of different executable applications with a particular data item of a plurality of selectable data items available for incorporation in a user entered expression;

excluding use by said particular application of ~~another~~ data items of said plurality of selectable data items unassociated with said particular application;

receiving a user entered expression;

incorporating said particular data item in said user entered expression to provide a resultant expression for use by said particular application; and

~~using~~ operating on data from said particular application ~~in-resolving with~~ said resultant expression to provide a calculated result value.

21. (Currently Amended) A method supporting use of user customizable expressions by a plurality of different executable applications, comprising the steps activities of:

associating a procedure of a particular application of said plurality of different executable applications with a particular data item of a plurality of selectable data items available for incorporation in a user entered expression;

excluding use by said particular procedure of ~~another~~ data items of said plurality of selectable data items unassociated with said particular procedure;

receiving a user entered expression;

incorporating said particular data item in said user entered expression to provide a resultant expression for use by said particular procedure; and

~~using~~ operating on data from said particular application ~~in-resolving with~~ said resultant expression to provide a calculated result value.

22. (Currently Amended) A method supporting use of user customizable expressions by a plurality of different executable applications, comprising the steps activities of:

receiving a user entered expression;

associating a particular application of said plurality of different executable applications with said user entered expression;

associating a version identifier with said user entered expression;

using said version identifier to identify a latest version of said entered expression; and

Ser. No. 09/981,398

PATENT  
2001P11277US01

processing said particular application with said latest version of said entered expression to provide executable code representative of said particular application.